

SAM (REX/Ops) Operations Meeting 2008.03.25

Present: Adam (typist), Eric, Art, Robert, SteveW, Angela, Dave, Parag, Andrew, SteveS

Meeting Length: 35 minutes

For reports submitted to the meeting...

The report text is in this font

Comments made during the meeting are in this font inline with the report

Releases:

Nothing new today. But probably on Thursday: New DB server. New Omniorb version (fixes a file descriptor leak - evidence we are suffering from that, since we've run out of file descriptors for DB servers [socket of unknown type]) - new version of Python (2.4.5), sam_common needs to be rebuilt.

DØ:

here has been no (US/European/Asian) shifter for half of the past week. When there was a shifter, the shifter seemed to be spending more/most time doing recocert anyway.

Unresolved issues:

*#3474: "station_prd2 stager died at osg-ouhep: status 134" ? A lot of comments already on this tough osg-ouhep issue
Still investigating and looking at options.*

#3469-3470: "SAM and CABsrv2" ? Is this a SAM issue or not ? If not, we could just say so.

Hit the limit of the maximum number of servants. Since were 1,100 projects (>700 for one user), and only have two DB servers with max servants set to 500. Robert increased the servant limit - impact is just more memory is used.

#3465-8: "cannot submit samgrid jobs" : Is Gabriele's solution the end of story ?

This is the 32,000 sub-directory limit. Probably need to set up another queuing node. Better solution is to use a different file system that doesn't have this limit. Best solution is to have this fixed in Condor (or use a later version).

#3456: "can't access request info" : Still on the to-do list ?

Steve will migrate the newer v5 requests into v7. Probably need a schedule for these migrations.

#3436: Problems on samgfw02

<https://plone3.fnal.gov/SAMGrid/tracking/3436/pcng_issue_view> ?

Still not figured out ??

Adam thinks this was resolved - need to look at mail (issue tracker was not updated).

#3435: "Global error 121" ? No more news ?

Steve and Parag looked at the logs - no error messages. Looked at load on forwarding nodes - nothing seen. Effect is 1 or 2 jobs per day fail. Cause still unknown.

CDF:

No major problems.

Reported a SAM upload problem
to cdf_mc_ops@fnal.gov. Fixed.

Reported a diskpool problem with DOOR01
to cdf_diskpool_admin. Fixed.

Reported a dCache node problem with fcdldata135.fnal.gov
to run2-sys@fnal.gov. Fixed. I wonder why "NGOP"
seems to have missed this.

Look into why NGOP missed this (node was unpingable). This is not a super-critical node, though.

Reported a problem with dCache cells to dcache-admin@fnal.gov
Fixed.

More details are available under URL:

[http://www-cdfonline.fnal.gov/cgi/elog/det-system-elog.pl?
nb=datahandle&action=view&page=80](http://www-cdfonline.fnal.gov/cgi/elog/det-system-elog.pl?nb=datahandle&action=view&page=80)

MINOS:

General -

Furlough - Kreymer is back this week.

AFS - Timeouts daily since 10 March.

Enstore -

LTO-4 copies completed (3 TB) Monday night.

DCache -

SAM -

Need to upgrade station to v6_0_5_23_srm - April

Oracle -

OPEN ISSUES

IT 1146: cannot test existence of sam tape location

IT 2071: quadratic project startup time growth

PLAN -

Migration to 9940B tape can proceed anytime

DB:

No report today. Downtime for CDF this week. Upgrade of SAN software next week (claim that it can be done live without anyone noticing, but never been tried before).

Enstore/dCache:

Scheduled Downtimes:

- o CDF - Wed, Mar 26, all day
 - upgrade of entire suite of enstore servers to SDE rack
 - update ACSLS code on fntt2
 - update license on fntt2 to include slots in SL8500-3

dCache developers will do enstore+dCache tests. Angela will be told when those tests are done.

Operations:

- o stken
 - Problems with CD-LTO3 library manager are resolved.